

CLAIMS

1. A nucleating-effect-suppressor comprising a compound that controls the crystallization of a crystalline resin in a crystalline resin composition, characterized in that the aforementioned compound is any of the compounds having at least one structure selected from among polycyclic structures wherein three or more 4-membered or higher cyclic structures are condensed to form condensed ring, excluding nigrosine, aniline black and copper phthalocyanine derivatives.

2. The nucleating-effect-suppressor of claim 1, wherein the above-described nucleating-effect-suppressor is one that satisfies the following requirement (A).

(A) The crystallization temperature of a crystalline resin composition containing the nucleating-effect-suppressor is lower than the crystallization temperature of a crystalline resin in the aforementioned crystalline resin composition, which does not contain the aforementioned nucleating-effect-suppressor.

3. The nucleating-effect-suppressor of claim 1, wherein the above-described nucleating-effect-suppressor is one that satisfies the following requirement (B).

(B) The crystallization temperature of a crystalline resin composition containing 0.1 to 30 parts by weight of the nucleating-effect-suppressor per 100 parts by weight of a crystalline resin is lower than the crystallization

temperature of a crystalline resin in the aforementioned crystalline resin composition, which does not contain the aforementioned nucleating-effect-suppressor by 4°C or more.

5 4. The nucleating-effect-suppressor of claim 1, wherein the above-described nucleating-effect-suppressor is one that satisfies the following requirement (C).

(C) The crystallization rate of a crystalline resin composition containing the nucleating-effect-suppressor is smaller than the
10 crystallization rate of a crystalline resin in the aforementioned crystalline resin composition, which does not contain the aforementioned nucleating-effect-suppressor

5 5. The nucleating-effect-suppressor of claim 1, wherein the above-described nucleating-effect-suppressor is one that satisfies the following
15 requirement (D).

(D) The difference between the extrapolated crystallization initiation temperature and extrapolated crystallization end temperature of a crystalline resin composition containing 0.1 to 30 parts by weight of the nucleating-effect-suppressor per 100 parts by weight of a crystalline resin is larger
20 than difference between the extrapolated crystallization initiation temperature and extrapolated crystallization end temperature of a crystalline resin in the aforementioned crystalline resin composition, which does not contain the aforementioned nucleating-effect-suppressor by 2°C or more.

6. The nucleating-effect-suppressor of claim 1, wherein the above-described nucleating-effect-suppressor is one that satisfies the following requirement (E).

(E) The sizes of sphaerocrystals in a crystalline resin composition containing the nucleating-effect-suppressor are larger than the sizes of sphaerocrystals in a crystalline resin in the aforementioned crystalline resin composition, which does not contain the aforementioned nucleating-effect-suppressor.

7. The nucleating-effect-suppressor of claim 1, wherein the above-described nucleating-effect-suppressor is one that satisfies the following requirement (F).

(F) The average diameter (for example, the median diameter of 2-axis average diameters) of sphaerocrystals in a crystalline resin composition containing 0.1 to 30 parts by weight of the nucleating-effect-suppressor per 100 parts by weight of a crystalline resin is larger than the average diameter of sphaerocrystals in a crystalline resin in the aforementioned crystalline resin composition, which does not contain the aforementioned nucleating-effect-suppressor by a factor of 2 times or more.

8. The nucleating-effect-suppressor of claim 1, wherein the above-described nucleating-effect-suppressor is one that satisfies the following requirement (G).

(G) The number of sphaerocrystals in a prescribed area (for example, a fixed surface or section) in a crystalline resin composition containing the

nucleating-effect-suppressor is smaller than the number of sphaerocrystals in the aforementioned prescribed area in a crystalline resin in the aforementioned crystalline resin composition, which does not contain the aforementioned nucleating-effect-suppressor.

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9. The nucleating-effect-suppressor of claim 1, wherein the above-described nucleating-effect-suppressor is one that satisfies the following requirement (H).

(H) The number of sphaerocrystals in a prescribed area in a crystalline
10 resin composition containing 0.1 to 30 parts by weight of the nucleating-effect-suppressor per 100 parts by weight of a crystalline resin is smaller than the number of sphaerocrystals in the aforementioned prescribed area in a crystalline resin in the aforementioned crystalline resin composition, which does not contain the aforementioned nucleating-effect-suppressor by
15 a factor of 2/3 or less.

10. The nucleating-effect-suppressor of claim 1, wherein the above-described compound has at least one polycyclic structure selected from among (a) to (d) below.

20 (a) A polycyclic structure wherein three 4-membered or higher cyclic structures are condensed to form condensed ring

(b) A polycyclic structure wherein four 4-membered or higher cyclic structures are condensed to form condensed ring

(c) A polycyclic structure wherein five 4-membered or higher cyclic
25 structures are condensed to form condensed ring

(d) A polycyclic structure wherein six or more 4-membered or higher cyclic structures are condensed to form condensed ring

11. The nucleating-effect-suppressor of claim 1, wherein the above-
5 described compound has at least one polycyclic structure selected from among (a) to (d) below.

(a) A polycyclic structure wherein three 5- and/or 6-membered cyclic structures are condensed to form condensed ring

(b) A polycyclic structure wherein four 5- and/or 6-membered cyclic
10 structures are condensed to form condensed ring

(c) A polycyclic structure wherein five 5- and/or 6-membered cyclic structures are condensed to form condensed ring

(d) A polycyclic structure wherein six or more 5- and/or 6-membered cyclic structures are condensed to form condensed ring

15 12. The nucleating-effect-suppressor of claim 10 or 11, which has an aromatic ring structure or a heterocyclic ring structure as the above-described cyclic structure.

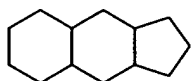
20 13. The nucleating-effect-suppressor of claim 10 or 11, wherein polycyclic structures (a) to (d) above are structures having two or more 6-membered rings.

25 14. The nucleating-effect-suppressor of claim 10 or 11, wherein each of polycyclic structures (a) to (d) above has a 6-membered ring, which 6-membered ring is a benzene ring and/or a pyridine ring.

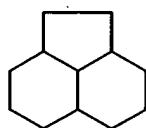
15. The nucleating-effect-suppressor of claim 10 or 11, wherein each of polycyclic structures (a) to (d) above has a 5-membered ring, which 5-membered ring is a cyclopentadiene ring and/or a pyrrole ring.

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16. The nucleating-effect-suppressor of claim 10, wherein the above-described polycyclic structure wherein three 4-membered or higher cyclic structures are condensed to form condensed ring is one kind or more selected from among Skeletal Structures a-1 to a-8 below, and the individual
10 bonds that constitute each skeletal structure are single or double bonds.

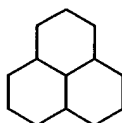


Skeletal Structure a-1

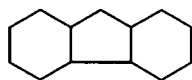


Skeletal Structure a-2

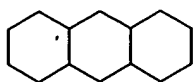
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Skeletal Structure a-3



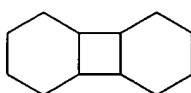
Skeletal Structure a-4



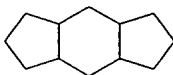
Skeletal Structure a-5



Skeletal Structure a-6

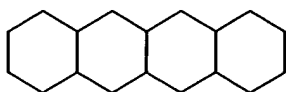


5 Skeletal Structure a-7

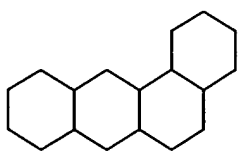


Skeletal Structure a-8

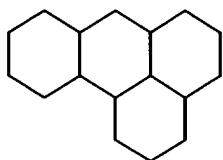
10 17. The nucleating-effect-suppressor of claim 10, wherein the above-described polycyclic structure wherein four 4-membered or higher cyclic structures are condensed to form condensed ring is one kind or more selected from among Skeletal Structures b-1 to b-12 below, and the individual bonds that constitute each skeletal structure are single or double bonds.



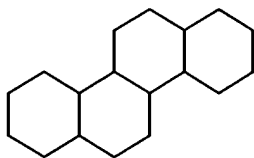
15 Skeletal Structure b-1



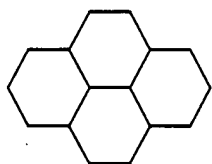
Skeletal Structure b-2



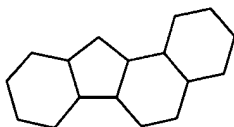
Skeletal Structure b-3



5 Skeletal Structure b-4

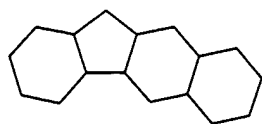


Skeletal Structure b-5

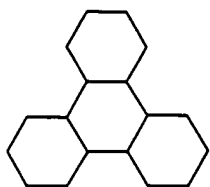


Skeletal Structure b-6

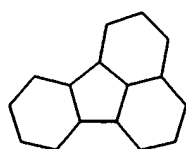
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Skeletal Structure b-7

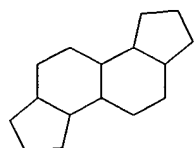


Skeletal Structure b-8

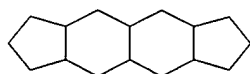


Skeletal Structure b-9

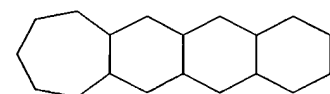
5



Skeletal Structure b-10



Skeletal Structure b-11



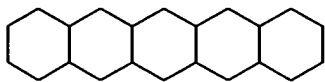
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Skeletal Structure b-12

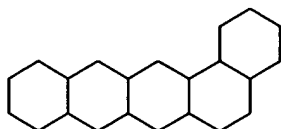
18. The nucleating-effect-suppressor of claim 10, wherein the above-described polycyclic structure wherein five 4-membered or higher cyclic structures are condensed to form condensed ring is one kind or more selected from among Skeletal Structures c-1 to c-8 below, and the individual bonds that constitute each skeletal structure are single or

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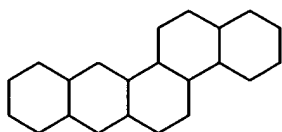
double bonds.



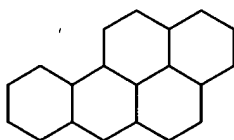
Skeletal Structure c-1



5 Skeletal Structure c-2

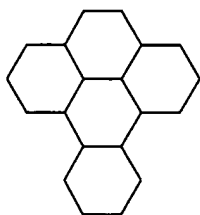


Skeletal Structure c-3

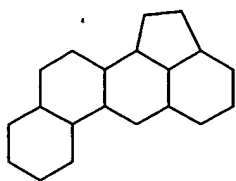


Skeletal Structure c-4

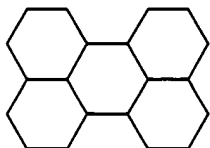
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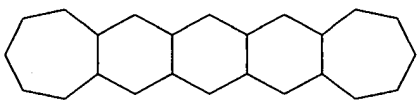
Skeletal Structure c-5



Skeletal Structure c-6



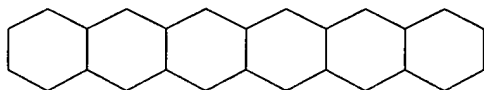
Skeletal Structure c-7



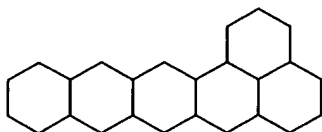
5 Skeletal Structure c-8

19. The nucleating-effect-suppressor of claim 10, wherein the above-described polycyclic structure wherein six or more 4-membered or higher cyclic structures are condensed to form condensed ring is one kind or more selected from among Skeletal Structures d-1 to d-10 below, and the individual bonds that constitute each skeletal structure are single or double bonds.

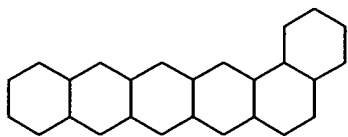
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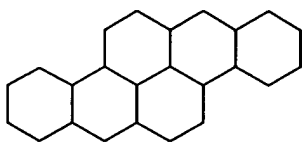
Skeletal Structure d-1



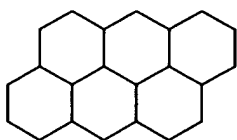
Skeletal Structure d-2



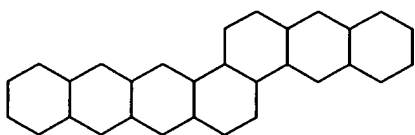
Skeletal Structure d-3



5 Skeletal Structure d-4

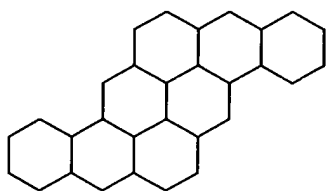


Skeletal Structure d-5

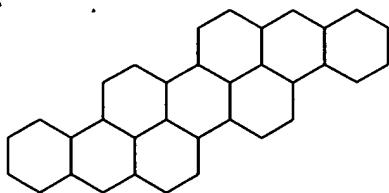


Skeletal Structure d-6

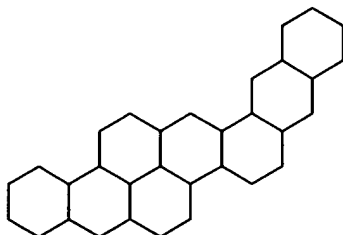
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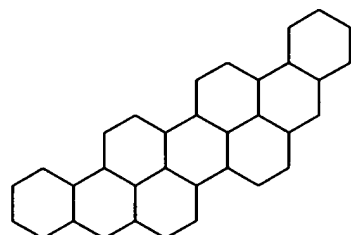
Skeletal Structure d-7



Skeletal Structure d-8

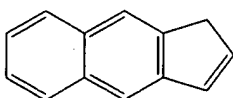


Skeletal Structure d-9



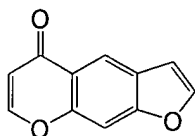
5 Skeletal Structure d-10

20. The nucleating-effect-suppressor of claim 16, wherein Skeletal Structure a-1 above is one kind or more selected from among Basic Structures 1 to 8 below.

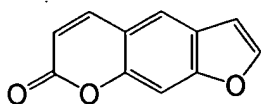


(a-1-1) Basic Structure 1

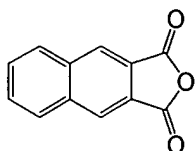
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(a-1-2) Basic Structure 2

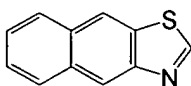


(a-1-3) Basic Structure 3

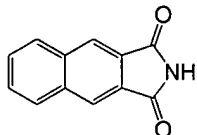


(a-1-4) Basic Structure 4

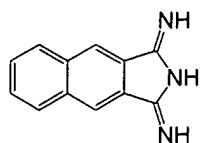
5



(a-1-5) Basic Structure 5

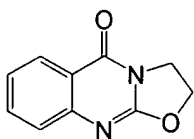


(a-1-6) Basic Structure 6



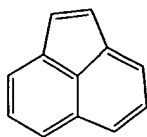
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(a-1-7) Basic Structure 7

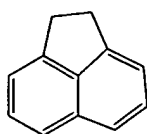


(a-1-8) Basic Structure 8

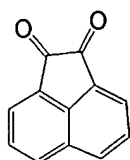
21. The nucleating-effect-suppressor of claim 16, wherein Skeletal Structure a-2 above is one kind or more selected from among Basic Structures 9 to 11 below.



5 (a-2-1) Basic Structure 9



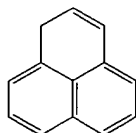
(a-2-2) Basic Structure 10



(a-2-3) Basic Structure 11

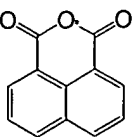
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22. The nucleating-effect-suppressor of claim 16, wherein Skeletal Structure a-3 above is one kind or more selected from among Basic Structures 12 to 17 below.

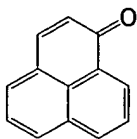


(a-3-1) Basic Structure 12

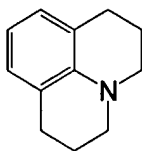
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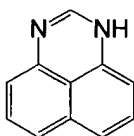
(a-3-2) Basic Structure 13



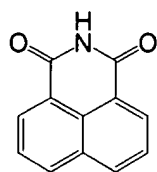
(a-3-3) Basic Structure 14



5 (a-3-4) Basic Structure 15



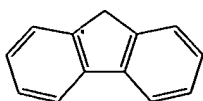
(a-3-5) Basic Structure 16



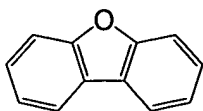
(a-3-6) Basic Structure 17

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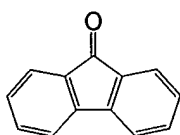
23. The nucleating-effect-suppressor of claim 16, wherein Skeletal Structure a-4 above is one kind or more selected from among Basic Structures 18 to 23 below.



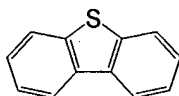
(a-4-1) Basic Structure 18



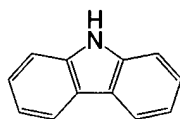
(a-4-2) Basic Structure 19



5 (a-4-3) Basic Structure 20

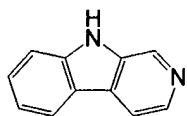


(a-4-4) Basic Structure 21



(a-4-5) Basic Structure 22

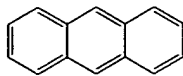
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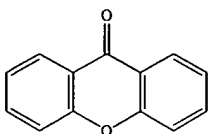
(a-4-6) Basic Structure 23

24. The nucleating-effect-suppressor of claim 16, wherein Skeletal Structure a-5 above is one kind or more selected from among Basic

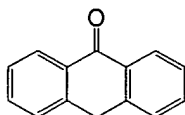
Structures 24 to 38 below.



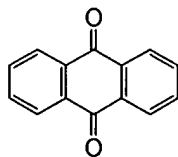
(a-5-1) Basic Structure 24



5 (a-5-2) Basic Structure 25

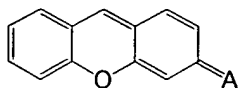


(a-5-3) Basic Structure 26



(a-5-4) Basic Structure 27

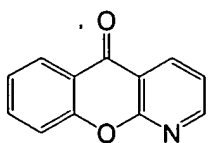
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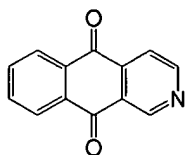
(a-5-5) Basic Structure 28

[In Basic Structure 28, A represents S, N-R, N⁺(-R¹)-R² or O, and each of R, R¹ and R² represents H, an alkyl group having or not having a substituent, or an aryl group having or not having a substituent.]

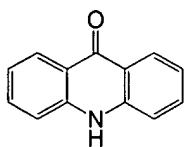
15



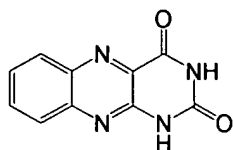
(a-5-6) Basic Structure 29



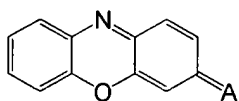
(a-5-7) Basic Structure 30



5 (a-5-8) Basic Structure 31

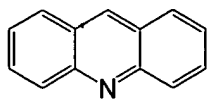


(a-5-9) Basic Structure 32

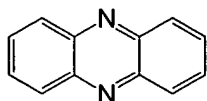


(a-5-10) Basic Structure 33

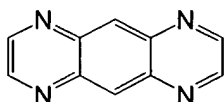
- 10 [In Basic Structure 33, A represents S, N-R, N⁺(-R¹)-R² or O, and each of R, R¹ and R² represents H, an alkyl group having or not having a substituent, or an aryl group having or not having a substituent.]



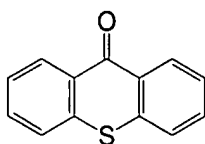
(a-5-11) Basic Structure 34



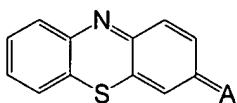
(a-5-12) Basic Structure 35



5 (a-5-13) Basic Structure 36



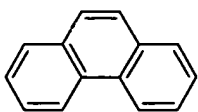
(a-5-14) Basic Structure 37



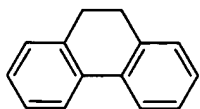
(a-5-15) Basic Structure 38

10 [In Basic Structure 38, A represents S, N-R, N⁺(-R¹)-R² or O, and each of R, R¹ and R² represents H, an alkyl group having or not having a substituent, or an aryl group having or not having a substituent.]

15 25. The nucleating-effect-suppressor of claim 16, wherein Skeletal Structure a-6 above is one kind or more selected from among Basic Structures 39 to 49 below.

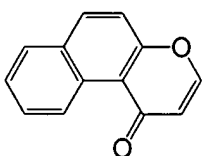
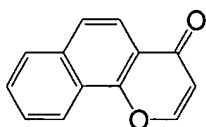


(a-6-1) Basic Structure 39

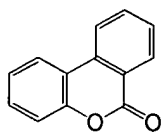


(a-6-2) Basic Structure 40

5 (a-6-3) Basic Structure 41

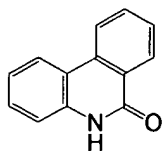


(a-6-4) Basic Structure 42

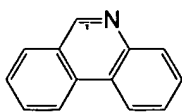


(a-6-5) Basic Structure 43

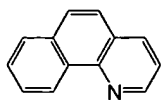
10



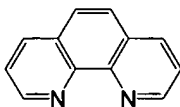
(a-6-6) Basic Structure 44



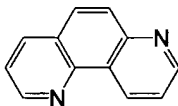
(a-6-7) Basic Structure 45



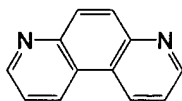
(a-6-8) Basic Structure 46



5 (a-6-9) Basic Structure 47



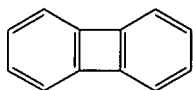
(a-6-10) Basic Structure 48



(a-6-11) Basic Structure 49

10

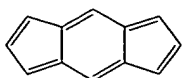
26. The nucleating-effect-suppressor of claim 16, wherein Skeletal Structure a-7 above is one kind or more selected from among Basic Structures 50 below.



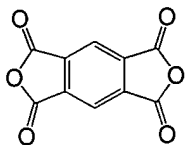
15 (a-7-1) Basic Structure 50

27. The nucleating-effect-suppressor of claim 16, wherein Skeletal Structure a-8 above is one kind or more selected from among Basic Structures 51 to 53 below.

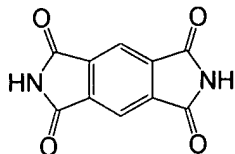
5



(a-8-1) Basic Structure 51



(a-8-2) Basic Structure 52



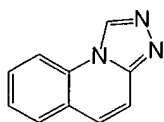
10

(a-8-3) Basic Structure 53

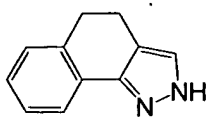
28. The nucleating-effect-suppressor of claim 10, wherein polycyclic structure above wherein three 4-membered or higher cyclic structures are condensed to form condensed ring is one kind or more selected from among

15

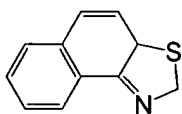
Basic Structures 54 to 60 below.



(a-9-1) Basic Structure 54

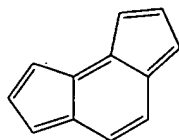


(a-9-2) Basic Structure 55

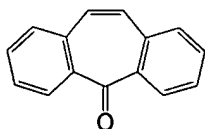


(a-9-3) Basic Structure 56

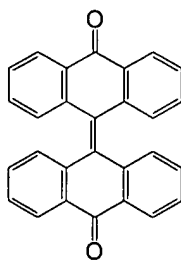
5



(a-9-4) Basic Structure 57

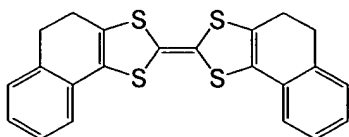


(a-9-5) Basic Structure 58



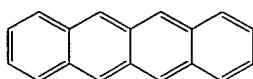
10

(a-9-6) Basic Structure 59

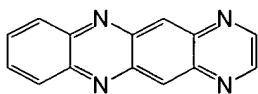


(a-9-7) Basic Structure 60

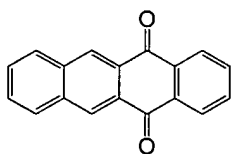
29. The nucleating-effect-suppressor of claim 17, wherein Skeletal Structure b-1 above is one kind or more selected from among Basic Structures 61 to 63 below.



(b-1-1) Basic Structure 61

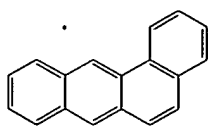


(b-1-2) Basic Structure 62

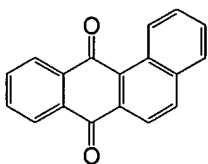


(b-1-3) Basic Structure 63

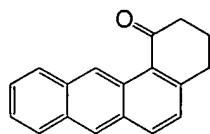
30. The nucleating-effect-suppressor of claim 17, wherein Skeletal Structure b-2 above is one kind or more selected from among Basic Structures 64 to 69 below.



(b-2-1) Basic Structure 64

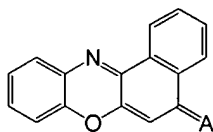


(b-2-2) Basic Structure 65



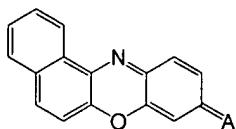
5

(b-2-3) Basic Structure 66



(b-2-4) Basic Structure 67

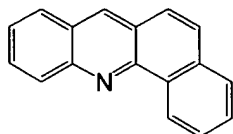
[In Basic Structure 67, A represents S, N-R, N⁺(-R¹)-R² or O, and each of R,
 10 R¹ and R² represents H, an alkyl group having or not having a substituent,
 or an aryl group having or not having a substituent.]



(b-2-5) Basic Structure 68

15 [In Basic Structure 68, A represents S, N-R, N⁺(-R¹)-R² or O, and each of R,

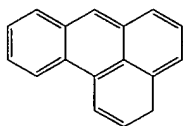
R^1 and R^2 represents H, an alkyl group having or not having a substituent, or an aryl group having or not having a substituent.]



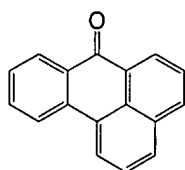
(b-2-6) Basic Structure 69

5

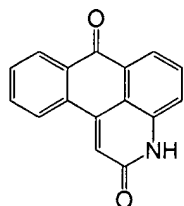
31. The nucleating-effect-suppressor of claim 17, wherein Skeletal Structure b-3 above is one kind or more selected from among Basic Structures 70 to 73 below.



10 (b-3-1) Basic Structure 70

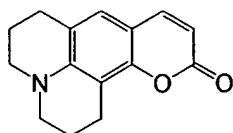


(b-3-2) Basic Structure 71



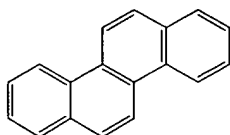
(b-3-3) Basic Structure 72

15

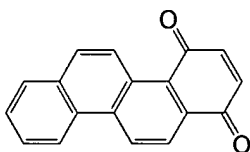


(b-3-4) Basic Structure 73

32. The nucleating-effect-suppressor of claim 17, wherein Skeletal
Structure b-4 above is one kind or more selected from between Basic
5 Structures 74 and 75 below.



(b-4-1) Basic Structure 74



(b-4-2) Basic Structure 75

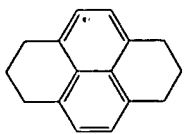
10

33. The nucleating-effect-suppressor of claim 17, wherein Skeletal
Structure b-5 above is one kind or more selected from among Basic
Structures 76 to 78 below.

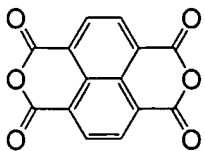


(b-5-1) Basic Structure 76

15

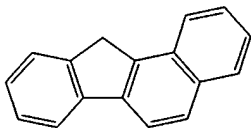


(b-5-2) Basic Structure 77



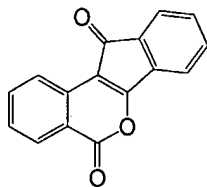
(b-5-3) Basic Structure 78

5 34. The nucleating-effect-suppressor of claim 17, wherein Skeletal Structure b-6 above is one kind or more selected from among Basic Structures 79 to 81 below.

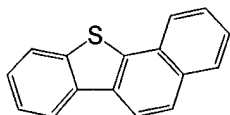


(b-6-1) Basic Structure 79

10

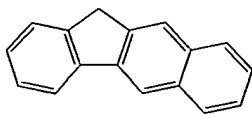


(b-6-2) Basic Structure 80

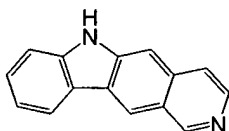


(b-6-3) Basic Structure 81

35. The nucleating-effect-suppressor of claim 17, wherein Skeletal Structure b-7 above is one kind or more selected from between Basic Structures 82 and 83 below.

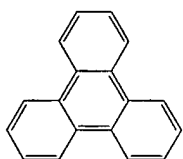


5 (b-7-1) Basic Structure 82



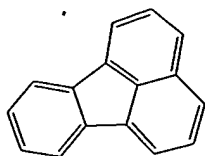
(b-7-2) Basic Structure 83

36. The nucleating-effect-suppressor of claim 17, wherein Skeletal Structure b-8 above is Basic Structure 84 below.



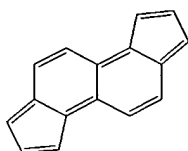
(b-8-1) Basic Structure 84

37. The nucleating-effect-suppressor of claim 17, wherein Skeletal Structure b-9 above is Basic Structure 85 below.

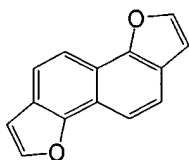


(b-9-1) Basic Structure 85

38. The nucleating-effect-suppressor of claim 17, wherein Skeletal
Structure b-10 above is one kind or more selected from between Basic
5 Structures 86 and 87 below.



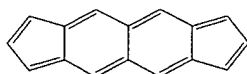
(b-10-1) Basic Structure 86



(b-10-2) Basic Structure 87

10

39. The nucleating-effect-suppressor of claim 17, wherein Skeletal
Structure b-11 above is Basic Structure 88 below.

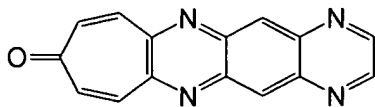


(b-11-1) Basic Structure 88

15

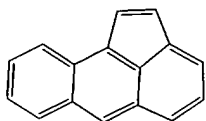
40. The nucleating-effect-suppressor of claim 17, wherein Skeletal

Structure b-12 above is Basic Structure 89 below.

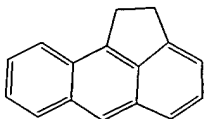


(b-12-1) Basic Structure 89

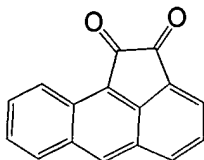
- 5 41. The nucleating-effect-suppressor of claim 10, wherein polycyclic structure above wherein four 4-membered or higher cyclic structures are condensed to form condensed ring is one kind or more selected from among Basic Structures 90 to 93 below.



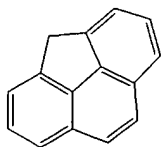
10 (b-13-1) Basic Structure 90



(b-13-2) Basic Structure 91



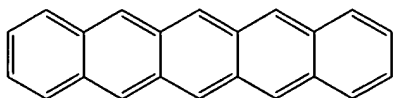
(b-13-3) Basic Structure 92



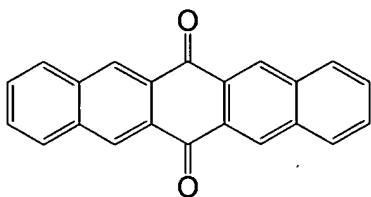
15 (b-13-4) Basic Structure 93

42. The nucleating-effect-suppressor of claim 18, wherein Skeletal Structure c-1 above is one kind or more selected from between Basic Structures 94 and 95 below.

5



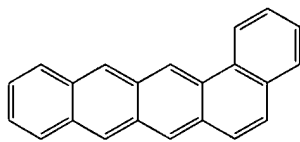
(c-1-1) Basic Structure 94



(c-1-2) Basic Structure 95

43. The nucleating-effect-suppressor of claim 18, wherein Skeletal Structure c-2 above is Basic Structure 96 below.

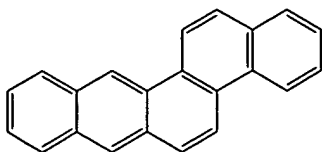
10



(c-2-1) Basic Structure 96

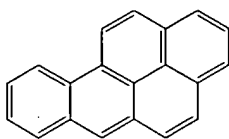
44. The nucleating-effect-suppressor of claim 18, wherein Skeletal Structure c-3 above is Basic Structure 97 below.

15

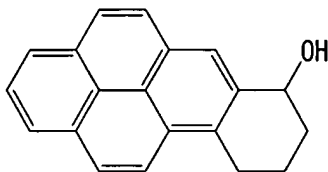


(c-3-1) Basic Structure 97

45. The nucleating-effect-suppressor of claim 18, wherein Skeletal
 Structure c-4 above is one kind or more selected from between Basic
 5 Structures 98 and 99 below.



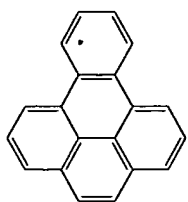
(c-4-1) Basic Structure 98



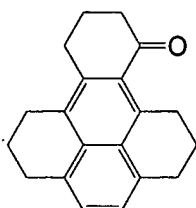
(c-4-2) Basic Structure 99

10

46. The nucleating-effect-suppressor of claim 18, wherein Skeletal
 Structure c-5 above is one kind or more selected from between Basic
 Structures 100 to 101 below.

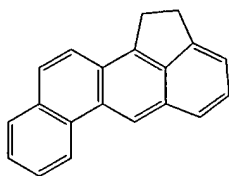


(c-5-1) Basic Structure 100



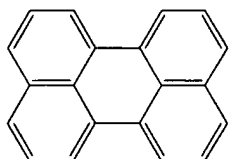
(c-5-2) Basic Structure 101

5 47. The nucleating-effect-suppressor of claim 18, wherein Skeletal Structure c-6 above is Basic Structure 102 below.



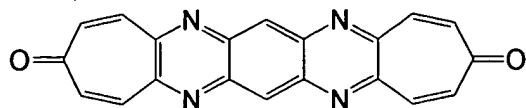
(c-6-1) Basic Structure 102

10 48. The nucleating-effect-suppressor of claim 18, wherein Skeletal Structure c-7 above is Basic Structure 103 below.



(c-7-1) Basic Structure 103

49. The nucleating-effect-suppressor of claim 18, wherein Skeletal Structure c-8 above is Basic Structure 104 below.

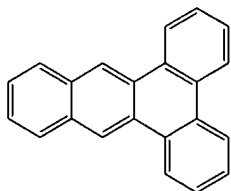


(c-8-1) Basic Structure 104

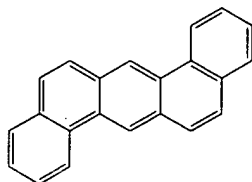
5

50. The nucleating-effect-suppressor of claim 10, wherein polycyclic structure above wherein five 4-membered or higher cyclic structures are condensed to form condensed ring is one kind or more selected from among Basic Structures 105 to 112 below.

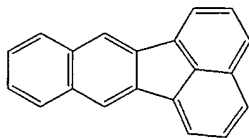
10



(c-9-1) Basic Structure 105

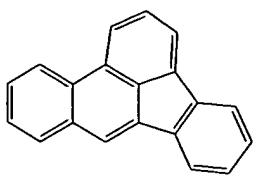


(c-9-2) Basic Structure 106

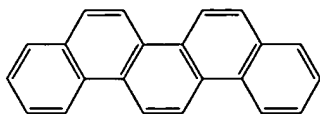


(c-9-3) Basic Structure 107

15

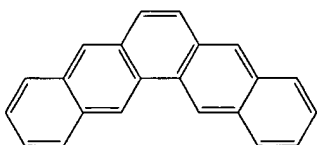


(c-9-4) Basic Structure 108

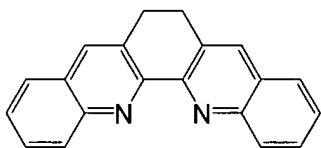


(c-9-5) Basic Structure 109

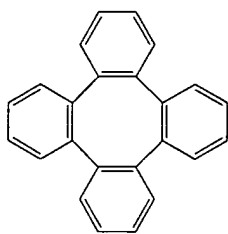
5



(c-9-6) Basic Structure 110



(c-9-7) Basic Structure 111

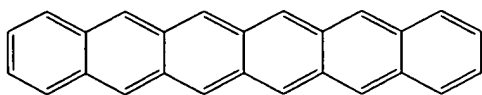


10

(c-9-8) Basic Structure 112

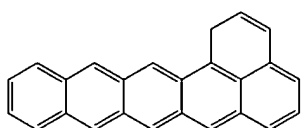
51. The nucleating-effect-suppressor of claim 10, wherein polycyclic structure above wherein six or more 4-membered or higher cyclic structures

are condensed to form condensed ring is one kind or more selected from among Basic Structures 113 to 131 below.

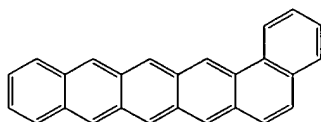


(d-1-1) Basic Structure 113

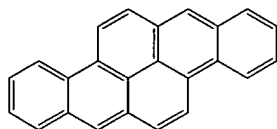
5



(d-2-1) Basic Structure 114

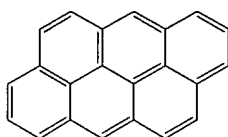


(d-3-1) Basic Structure 115

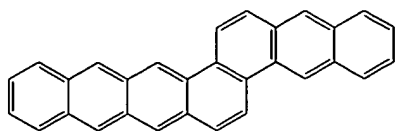


10

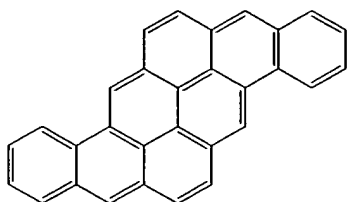
(d-4-1) Basic Structure 116



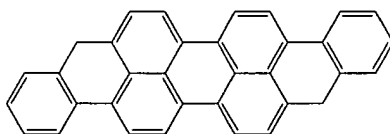
(d-5-1) Basic Structure 117



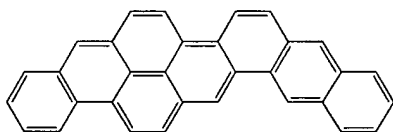
(d-6-1) Basic Structure 118



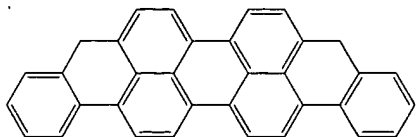
(d-7-1) Basic Structure 119



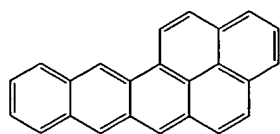
5 (d-8-1) Basic Structure 120



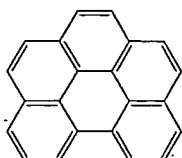
(d-9-1) Basic Structure 121



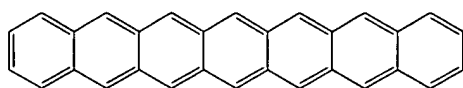
(d-10-1) Basic Structure 122



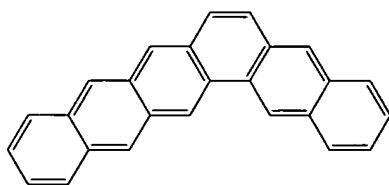
(d-11-1) Basic Structure 123



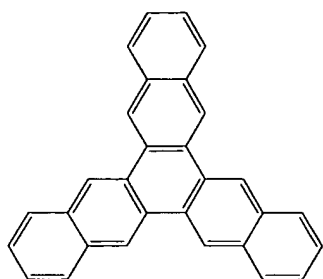
(d-11-2) Basic Structure 124



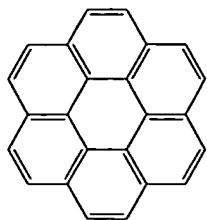
5 (d-11-3) Basic Structure 125



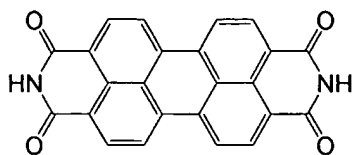
(d-11-4) Basic Structure 126



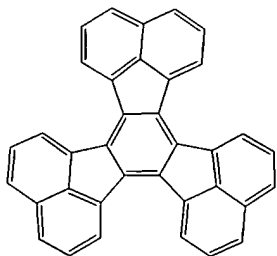
(d-11-5) Basic Structure 127



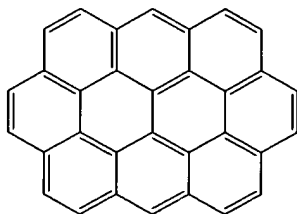
(d-11-6) Basic Structure 128



(d-11-7) Basic Structure 129



5 (d-11-8) Basic Structure 130



(d-11-9) Basic Structure 131

52. The nucleating-effect-suppressor of any one of claims 1 to 51,
 10 wherein at least one of the polycyclic structures present in the above-described compound has one kind or two kinds or more selected from among

a hydroxyl group, a halogen, a nitro group, a cyano group, an alkyl group, an alkoxy group, an aralkyl group, an allyl group, an alkenyl group, an alkynyl group, an aryl group, an acyl group, an alkoxycarbonyl group, an aryloxy carbonyl group, an alkylaminocarbonyl group, an arylaminocarbonyl group, an alkylamino group, an arylamino group, an amino group, an acylamino group, a sulfonamide group, a sulfone group and a carboxyl group as substituents.

53. The nucleating-effect-suppressor of any one of claims 20 to 51, wherein the above-described basic skeleton has one kind or two kinds or more selected from among an amino group, a dimethylamino group, a carbonyl group, a methyl group and an acetyl group as substituents.

54. The nucleating-effect-suppressor of any one of claims 1 to 53, wherein the above-described nucleating-effect-suppressor is a salt comprising a cation and an anion that are ionically bound.

55. The nucleating-effect-suppressor of claim 54, wherein the above-described salt is a salt formed as a result of the ionization of a sulfone group, a carboxyl group or an amino group having or not having a substituent in the basic structure of the above-described nucleating-effect-suppressor.

56. The nucleating-effect-suppressor of claim 54, wherein the above-described anion is an anion from a carboxylic acid or a sulfonic acid.

57. The nucleating-effect-suppressor of claim 56, wherein the above-described carboxylic acid and sulfonic acid are an aromatic or aliphatic sulfonic acid and an aromatic or aliphatic carboxylic acid, respectively.

5

58. The nucleating-effect-suppressor of any one of claims 1 to 57, which is colorless or light-colored.

59. A crystalline resin composition containing one kind or more of the
10 nucleating-effect-suppressor of any one of claims 1 to 58 in a crystalline resin.

60. The crystalline resin composition of claim 59, which contains 0.1
to 30 parts by weight of the above-described nucleating-effect-suppressor
15 per 100 parts by weight of a crystalline resin.

61. The crystalline resin composition of claim 59 or 60, wherein the
above-described crystalline resin is one or a mixture of two or more
selected from among polyamide resin, polyethylene resin, polypropylene
20 resin, polyethylene terephthalate resin, polybutylene terephthalate resin,
polyphenylene sulfide resin and polyether ether ketone resin.

62. The crystalline resin composition of any one of claim 61, wherein
the above-described polyamide resin is polyamide 6 resin, polyamide 66
25 resin, polyamide 69 resin, polyamide 610 resin or an alloy of a polyamide

resin and another synthetic resin.

63. The crystalline resin composition of any one of claims 59 to 62,
wherein the crystallization temperature of the above-described crystalline
5 resin composition is lower by 4 °C or more than the crystallization
temperature of a crystalline resin in the crystalline resin composition, which
does not contain the above-described nucleating-effect-suppressor.

64. The crystalline resin composition of claim 63, wherein the
10 crystalline resin in the crystalline resin composition is a polyamide resin,
and the crystallization temperature of the crystalline resin composition is
lower by 5 °C or more than the crystallization temperature of a crystalline
resin in the crystalline resin composition, which does not contain the above-
described nucleating-effect-suppressor

15 65. The crystalline resin composition of any one of claims 59 to 62,
wherein the difference between the extrapolated crystallization initiation
temperature and extrapolated crystallization end temperature of the above-
described crystalline resin composition is larger than the difference between
20 the extrapolated crystallization initiation temperature and extrapolated
crystallization end temperature of a crystalline resin in the crystalline resin
composition, which does not contain the above-described nucleating-effect-
suppressor by 2 °C or more.

25 66. The crystalline resin composition of any one of claims 59 to 62,

wherein the average diameter of sphaerocrystals in the above-described crystalline resin composition is larger than the average diameter of sphaerocrystals in a crystalline resin in the aforementioned crystalline resin composition, which does not contain the above-described nucleating-effect-suppressor by a factor of 2 times or more.

67. The crystalline resin composition of any one of claims 59 to 62, wherein the number of sphaerocrystals in a prescribed area in the above-described crystalline resin composition is smaller than the number of sphaerocrystals in the aforementioned prescribed area in a crystalline resin in the aforementioned crystalline resin composition, which does not contain the above-described nucleating-effect-suppressor.

68. The crystalline resin composition of any one of claims 59 to 70, which contains a colorant.

69. The crystalline resin composition of claim 68, wherein the above-described colorant is a chromatic organic pigment.

70. The crystalline resin composition of any one of claims 59 to 69, which contains a nucleating agent.

71. The crystalline resin composition of any one of claims 59 to 70, which contains a fibrous reinforcing material.

72. A method of controlling the crystallization of a crystalline resin composition wherein by containing one kind or more of the nucleating-effect-suppressor of any one of claims 1 to 58 in a crystalline resin, the crystallization temperature and crystallization rate of a crystalline resin composition containing the nucleating-effect-suppressor are lowered compared to the crystallization temperature and crystallization rate of a crystalline resin in the crystalline resin composition, which does not contain the aforementioned nucleating-effect-suppressor.

73. The method of controlling the crystallization of a crystalline resin composition of claim 72, wherein the above-described crystallization temperature fall is 4°C or more.

74. The method of controlling the crystallization of a crystalline resin composition of claim 72 or 73, wherein by containing one kind or more of the nucleating-effect-suppressor of any one of claims 1 to 58 in a crystalline resin, the average diameter of sphaerocrystals in a crystalline resin composition containing the nucleating-effect-suppressor is made 2 times or more the average diameter of sphaerocrystals in a crystalline resin in the aforementioned crystalline resin composition, which does not contain the aforementioned nucleating-effect-suppressor.

75. The method of controlling the crystallization of a crystalline resin composition of claim 72 or 73, wherein by containing one kind or more of the nucleating-effect-suppressor of any one of claims 1 to 58 in a crystalline

resin, the number of sphaerocrystals in a prescribed area in a crystalline resin composition containing the nucleating-effect-suppressor is decreased compared to the number of sphaerocrystals in the aforementioned prescribed area in a crystalline resin in the aforementioned crystalline resin composition, which does not contain the aforementioned nucleating-effect-suppressor.